



12.

GENERAL ARRANGEMENT.

CALEDON'S N^O 411.

"EMPIRE FAVORITE"

DUNDEE REPORT N^O 9494



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A.D.M.B.(H)
12/5/43

REMENS
GALL



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MIDSHIP SECTION.

CALEDON'S YARD N^O 411.

"EMPIRE FAVOUR"

DUNDEE REPORT N^O 9494.

ex. Gibson

ex w/n "Erington Court"

✓
n/a "Penelope"

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THE SCANTLINGS ARE SUITABLE FOR A DRAUGHT OF 26'-9" EXTREME

SHIP NOS 408 & 411 MIDSHIP SECTION.

SCALE: $\frac{1}{2}$ " = ONE FOOT.

TO CLASS 100 A.I. WITH FREEBOARD AT LLOYDS SPECIAL SURVEY.

DIMENSIONS: ~ 425'-0" B.P. ON L.W.L. x 56'-0" M^{LD} 56'-3" EXT. x 28'-8" FLAT SHEER M^{LD} TO 2ND D^S (36'-9" NORMAL SHEER 37'-8" FLAT SHEER M^{LD} TO UPPER D^S)

LLOYDS NUMERALS TO NORMAL SHEER

FIRST LONGITUDINAL NUMBER L x D = 425'-0" x 35'-75"	= 15193.75
SECOND LONGITUDINAL NUMBER L x (B+D) = 425'-0" x (56'-0" + 35'-75")	= 38993.75
1/2 D TO UPPER DECK = 425'-0" - 36'-75"	= 11'-27"
D MOULDED DEPTH = 27'-75" + 8'-0"	= 35'-75"
D = 36'-75" (9'-0" + 3'-75") - CREDIT FOR DEEPER KNEES & FRAME BRACKET = 23'-3"	

EQUIPMENT NUMBER

SECOND LONGITUDINAL NUMBER = 425'-0" x (56'-0" + 36'-75")	= 39418.75
FORECASTLE = 40'-0" x 7'-5" x 3/4"	= 225.00
MIDSHIP ACCOMMODATION & CASINS = 72'-25" x 8'-0" x 1/2"	= 289.00
SALOON ACCOMMODATION = 30'-0" x 8'-0" x 1/2"	= 120.00
EQUIPMENT NUMBER = 40052.75	

EQUIPMENT

- 2 BOWER ANCHORS 68 CWTs EACH STOCKLESS
- 1 STREAM ANCHOR 19 CWTs. EX-STOCK.
- 225 FATHOMS 2 3/4" STUD CHAIN CABLE 600 CWTs.
- 90 FATHOMS 1 1/2" STREAM CHAIN OR 5' FLEXIBLE STEEL WIRE 6"x12"
- 120 FATHOMS 4 3/4" SPECIAL FLEXIBLE STEEL WIRE 6"x24"
- 2 HAWSERS 90 FATHOMS 8" HEMP OR 2 3/4" FLEXIBLE STEEL WIRE 6"x12"
- 2 WARPS 90 FATHOMS 7" HEMP OR 2 1/2" FLEXIBLE STEEL WIRE 6"x12"

RIVETING NOTE.

RIVETS IN FRAMES TO FLOORS AND CROSS TIE PLATES IN AFT PEAK SPACED 5 DIA^s APART CR TO CR
RIVETS IN FRAMES TO SHELL AT FLAT OF DOUBLE BOTTOM FOR^{MD} HALF LENGTH FOR^{MD} SPACED 5 1/2 DIA^s (TWO COMPLETE ROWS)
RIVETS IN FRAMES TO FLOORS AT FLAT OF DOUBLE BOTTOM FOR^{MD} HALF LENGTH FOR^{MD} SPACED 6 1/2 DIA^s (TWO COMPLETE ROWS)
RIVETS IN SIDE FRAMES TO SHELL SPACED 6 1/2 DIA^s APART, 5 1/2 DIA^s APART IN WAY OF FORE & AFT PEAK TANKS AND DEEP FRAMING FOR^{MD}
RIVETS IN BOTTOM FRAMES TO SHELL AFT HALF LENGTH FOR^{MD} SPACED 7 DIA^s APART CR TO CR
RIVETS IN 3 R. BUTTS OF OUTSIDE PLATING AND OF DECK STRINGER PLATES SPACED 3 1/2 DIA^s APART CR TO CR
RIVETS IN 4 R. BUTTS OF OUTSIDE PLATING AND OF DECK STRINGER PLATES SPACED 4 DIA^s APART CR TO CR
RIVETS IN SEAMS OF SHELL PLATING, DECK PLATING AND INNER BOTTOM PLATING AS PER TABLE 40.
RIVETS IN BUTTS OF DECK PLATING, INNER BOTTOM & MARGIN PLATING SPACED 4 DIA^s APART CR TO CR
RIVETS IN SEAMS & BUTTS OF BULKHEAD AND TUNNEL PLATING, MARGIN ANGLES AND WEATHER DECK STRINGER ANGLES
AND BULKHEAD FRAME TO BULKHEAD SPACED 4 1/2 DIA^s APART CR TO CR
RIVETS IN FLAT KEEL ANGLES, VERTICAL ANGLES CONNECTING FLOORS TO CENTRE GIRDER, AND SHELL PLANGE OF WATERTIGHT
BULKHEAD FRAME SPACED 5 DIA^s APART CR TO CR
RIVETS IN FRAMES TO FLOORS AFT HALF LENGTH FOR^{MD} REVERSE FRAMES TO FLOORS AND INNER BOTTOM PLATING
VERTICAL ANGLES TO FLOORS AND SIDE GIRDERS, IN BULKHEAD STIFFENERS (EXCEPT PEAK BULKHEADS) AND IN DECK PLATING
TO BEAMS ON EVERY FRAME SPACED 7 DIA^s APART CR TO CR
RIVETS IN CENTRE GIRDER TOP ANGLES SPACED 7 DIA^s APART CR TO CR NON WATERTIGHT
RIVETS IN CENTRE GIRDER TOP ANGLES SPACED 5 DIA^s APART CR TO CR WATERTIGHT

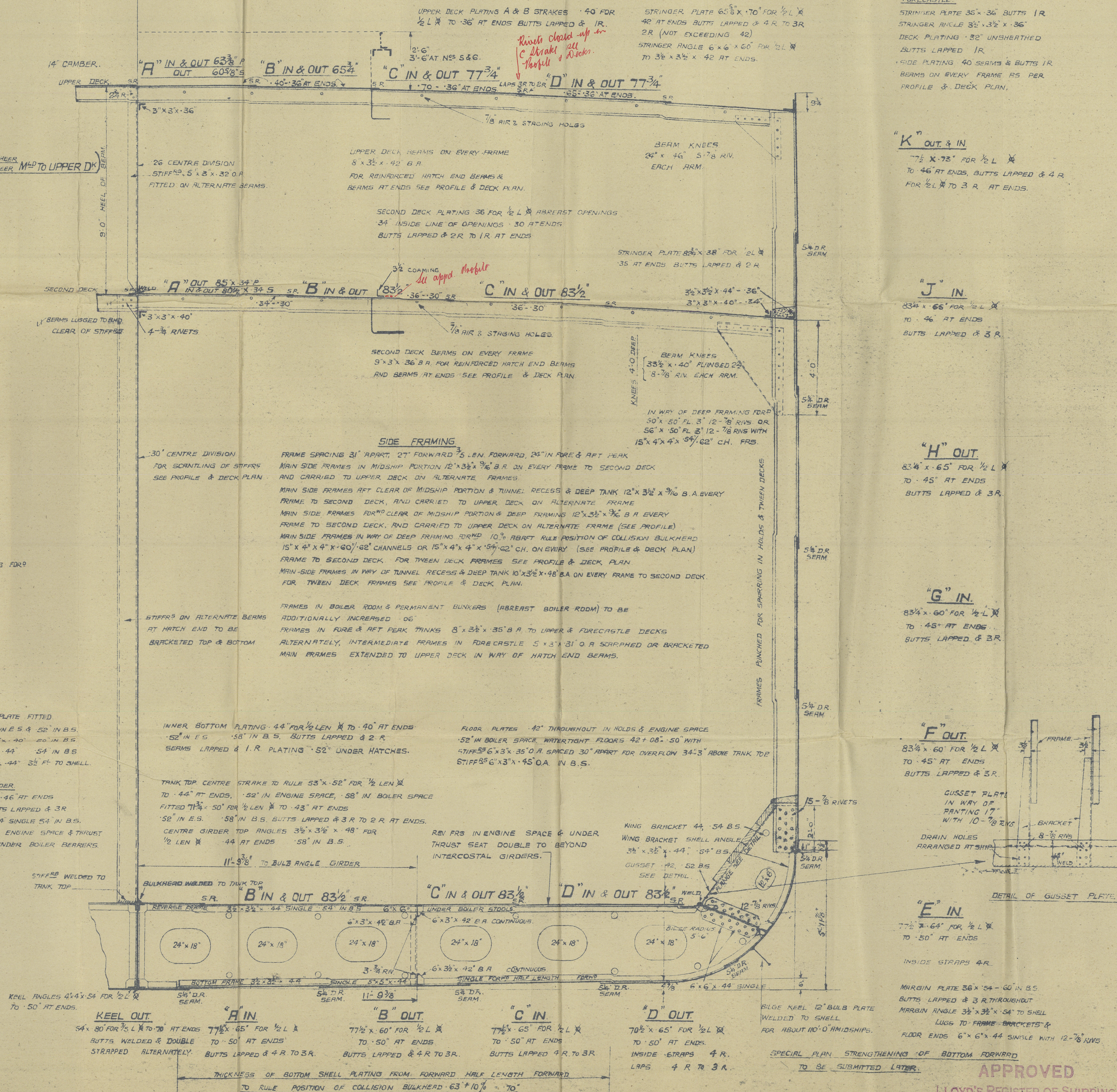
THE SCANTLINGS OF ANGLE AND BULB ANGLE SECTIONS
GIVEN ON THIS PLAN ARE N.B.S.

PLATE STEM, STERN POST AND RUDDER POST
WILL BE SUBMITTED

CENTRE GIRDER

43 1/2" x 54" FOR 1/2 LEN x .46" AT ENDS
63" IN BOILER SPACE, BUTTS LAPPED & 3 R
VERTICAL ANGLES 3 1/2" x 3 1/2" x 44" SINGLE 54" IN B.S.
5 1/2" x 44" SINGLE UNDER ENGINE SPACE & THRUST
SEATING 5 1/2" x 54" UNDER BOILER BEARERS.

SEATING 5 1/2" x 54" UNDER BOILER BEARERS.



FORECASTLE

STRINGER PLATE 36" x 36" BUTTS 1 R
STRINGER ANGLE 3 1/2" x 3 1/2" x 36"
DECK PLATING 32" UNHEARTHED
BUTTS LAPPED 1 R
SIDE PLATING 40 SEAMS & BUTTS 1 R
BEAMS ON EVERY FRAME AS PER
PROFILE & DECK PLAN.

"K" OUT & IN

7 1/2" x 73" FOR 1/2 L x
TO .46" AT ENDS, BUTTS LAPPED & 4 R
FOR 1/2 L TO 3 R. AT ENDS.

"J" IN

83 1/2" x 60" FOR 1/2 L x
TO .46" AT ENDS
BUTTS LAPPED & 3 R.

"H" OUT

83 1/2" x 65" FOR 1/2 L x
TO .45" AT ENDS
BUTTS LAPPED & 3 R.

"G" IN

83 1/2" x 60" FOR 1/2 L x
TO .45" AT ENDS
BUTTS LAPPED & 3 R.

"F" OUT

83 1/2" x 60" FOR 1/2 L x
TO .45" AT ENDS
BUTTS LAPPED & 3 R.

"E" IN

77 1/2" x 64" FOR 1/2 L x
TO .50" AT ENDS
INSIDE STRAPS 4 R.

MARGIN PLATE 36" x 54" - 60" IN B.S.
BUTTS LAPPED & 3 R. THROUGHOUT
MARGIN ANGLE 3 1/2" x 3 1/2" x 54" TO SHELL
LUGS TO FRAME BRACKETS &
FLOOR ENDS 6" x 6" x 44" SINGLE WITH 12-7/8 RIVS

BULGE KEEL 12" BULB PLATE
WELDED TO SHELL
FOR ABOUT 10'-0" AHEADSHIPS.

SPECIAL PLAN STRENGTHENING OF BOTTOM FORWARD
TO BE SUBMITTED LATER.

APPROVED

LLOYD'S REGISTER OF SHIPPING

James K. Clark

9/3/1911

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